

FIG. 1

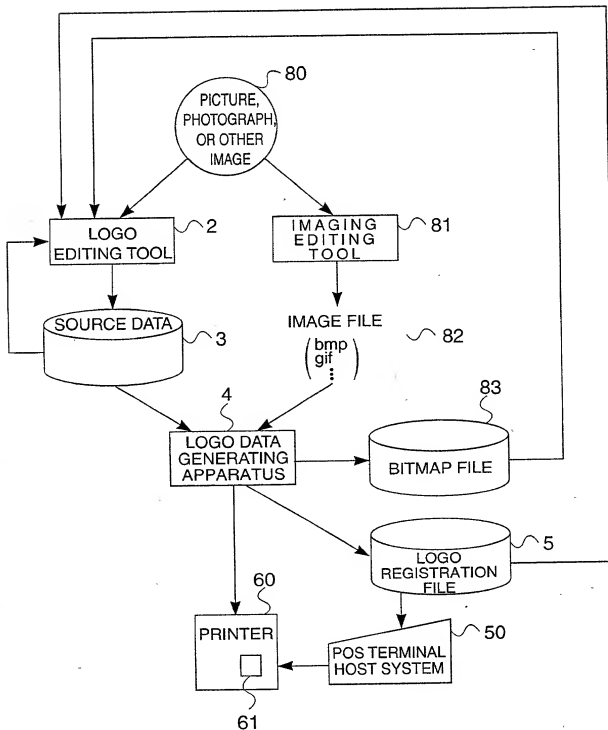


FIG. 2

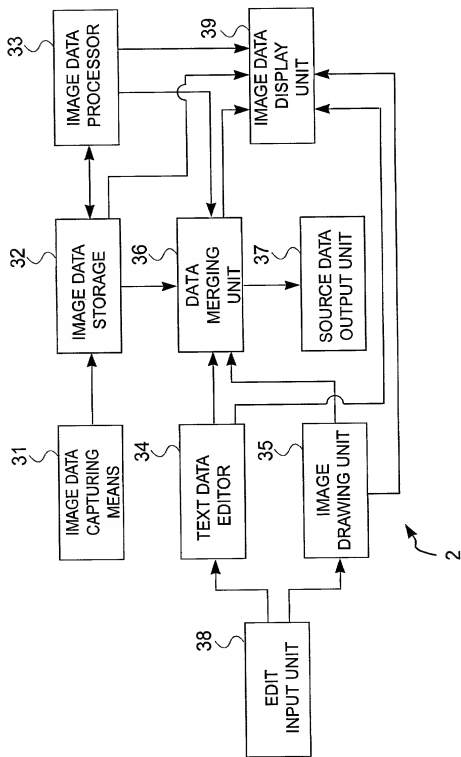
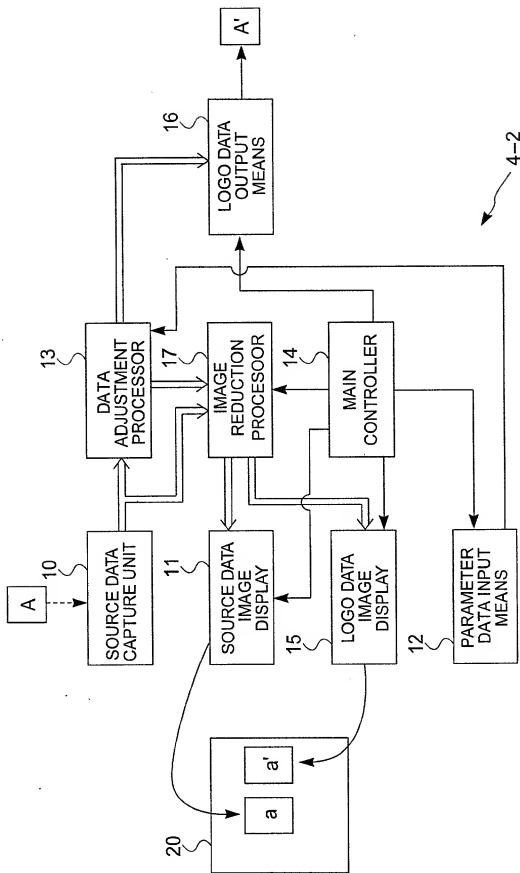


FIG. 3



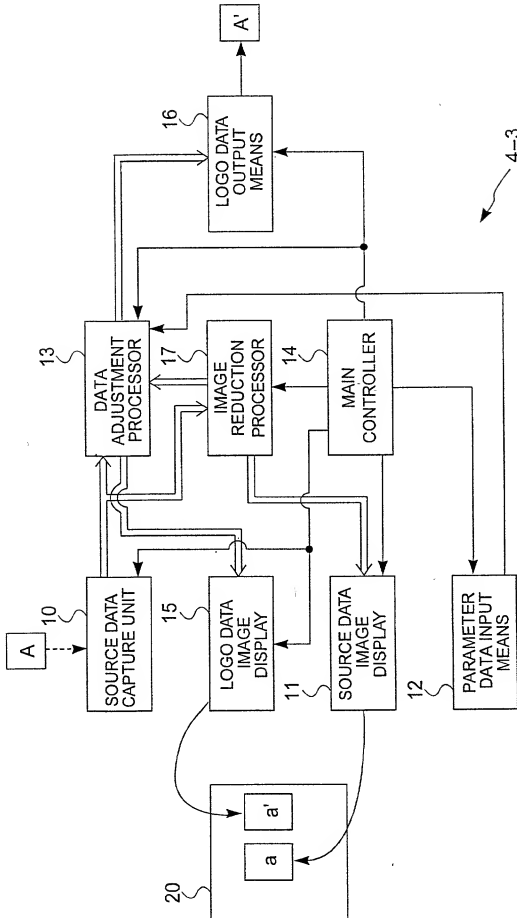


FIG. 5

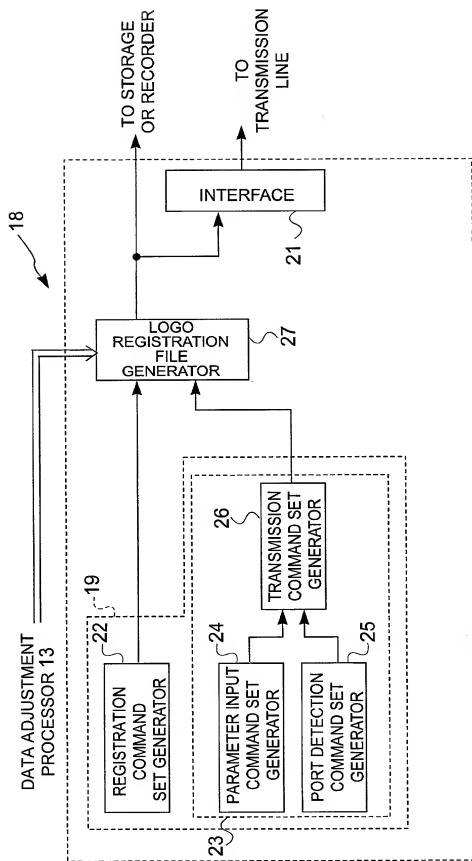


FIG. 6

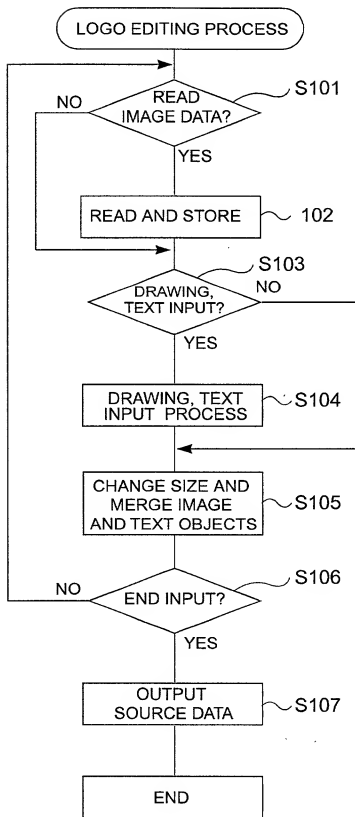


FIG. 7

The screenshot shows the 'TM Color LOGO Tool' window. It features a 'SOURCE FILE' field at the top right. On the left, there are two main sections: 'PRINTER DATA' and 'COMMUNICATIONS'. The 'PRINTER DATA' section includes dropdown menus for NAME (TM-T90), PAPER WIDTH (80mm), COLOR 1 (BLACK), COLOR 2 (RED), and RESOLUTION (VERTICAL and HORIZONTAL at 180dpi). The 'COMMUNICATIONS' section includes dropdown menus for PORT (COM1), BAUD RATE (19200bps), BIT LENGTH (8bit), PARITY (None), and FLOW CONTROL (DTR/DSR). To the right of these settings are two large empty rectangular boxes. Below the settings and boxes is a 'PROPERTIES' section, also empty. At the bottom of the window is a row of buttons: NEW (N), PREVIEW(P), SAVE TO FILE (F), MEMORY MANAGEMENT (M), EDIT (E), TEST PRINT (T), SAVE TO PRINTER (R), and QUIT.

100

110

FIG. 8

The screenshot shows the 'TM Color LOGO Tool' window with a different focus. It highlights the menu bar at the top, which includes 'FILE', 'EDIT', 'DISPLAY', and 'TOOLS'. Below the menu bar is a toolbar with several icons. The icons are labeled with numbers: 121 points to the menu bar area, 122 points to the first icon, 123 points to the second icon, and 124 points to the third icon. The main area of the window is a large empty rectangle labeled 127. At the bottom of the window, the status bar displays the word 'READY'. A label 120 with an arrow points to the main workspace area.

FIG. 9

COORDINATES ✕

PLEASE INPUT THE LOGO SIZE.

WIDTH (W) DOTS

HEIGHT (H) DOTS

FIG. 10

TEXT PROPERTIES ✕

FONT (F) 141
Century
Tr OCRB
Small Fonts
Tr Symbol

STYLE (Y) 142
STANDARD
ITALIC
BOLD
BOLD ITALIC

SIZE (Y) 143
10
10
11
12
14

ATTRIBUTES
☐ OVERSTRIKE (K)
☐ UNDERLINE (U)

SAMPLE
"ABCabc"

ROTATE (R):

FIG. 11

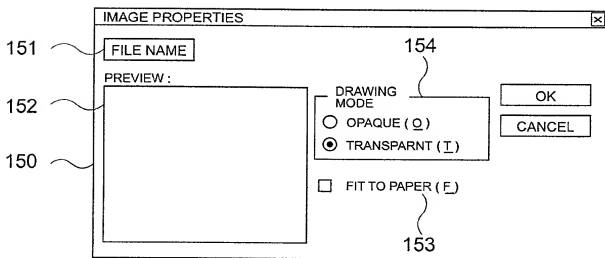


FIG. 12

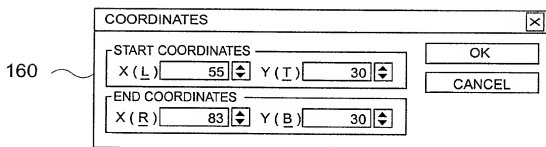


FIG. 13

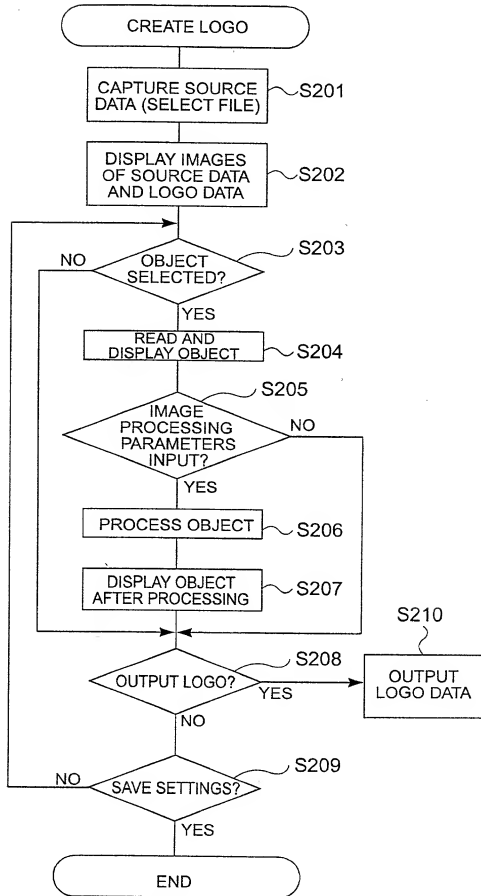


FIG. 14

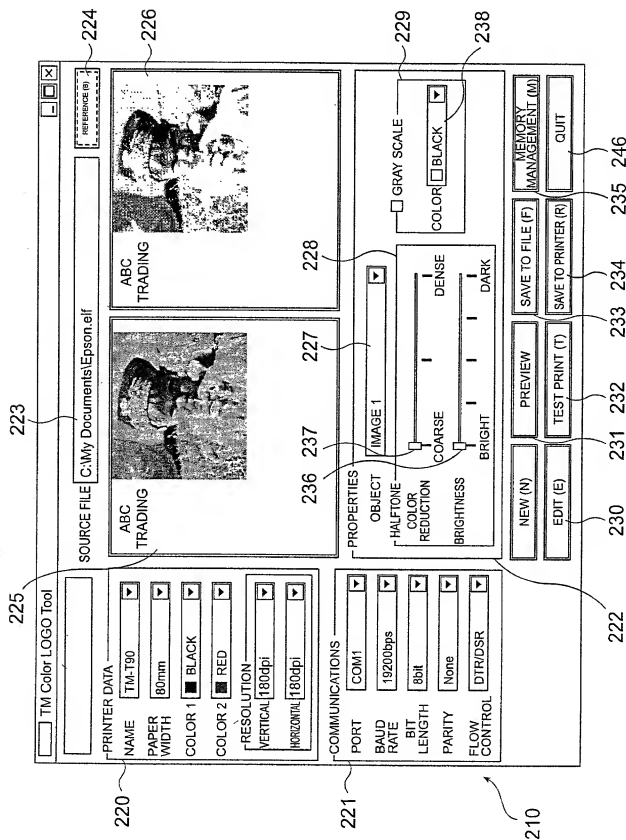


FIG. 15

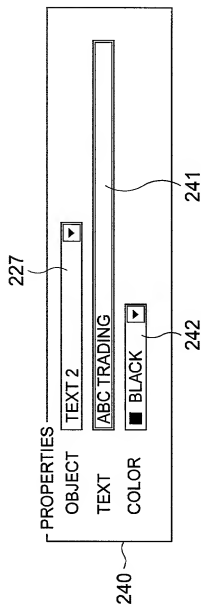


FIG. 16

(a)

CONVERT 8 COLOR DATA TO 15 COLORS

250

PRINT COLOR
COLOR 1 COLOR 2
BLACK RED

COLOR ASSIGNMENT

0 1 2 0 12

BLACK

BLUE

RED

MAGENTA

GREEN

CYAN

YELLOW

WHITE

251

SOURCE DATA

PREVIEW

(b)

CONVERT 8 COLOR DATA TO 3 COLORS

PRINT COLOR
COLOR 1 COLOR 2
BLACK RED

COLOR ASSIGNMENT

BLACK ☐ WHITE ☒ FIRST ☐ SECOND

BLUE ☐ WHITE ☒ FIRST ☐ SECOND

RED ☐ WHITE ☒ FIRST ☐ SECOND

MAGENTA ☐ WHITE ☐ FIRST ☒ SECOND

GREEN ☐ WHITE ☒ FIRST ☐ SECOND

CYAN ☐ WHITE ☐ FIRST ☒ SECOND

YELLOW ☐ WHITE ☐ FIRST ☒ SECOND

WHITE ☒ WHITE ☐ FIRST ☐ SECOND

SOURCE DATA

PREVIEW

FIG. 17

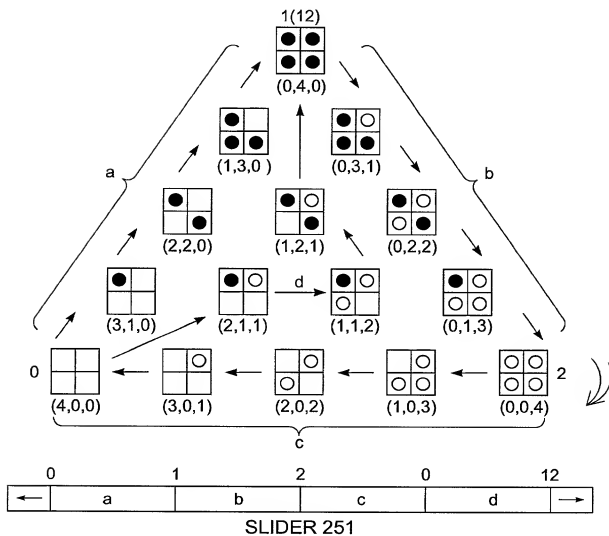


FIG. 18

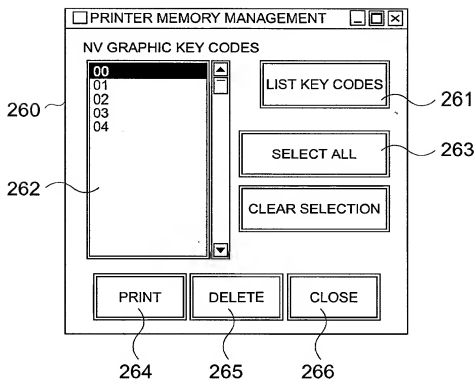


FIG. 19

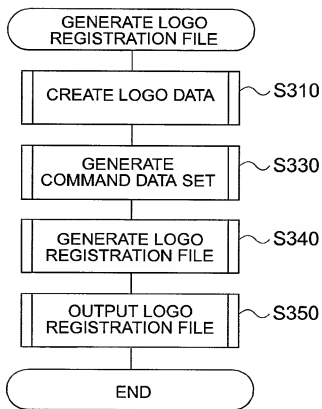


FIG. 20

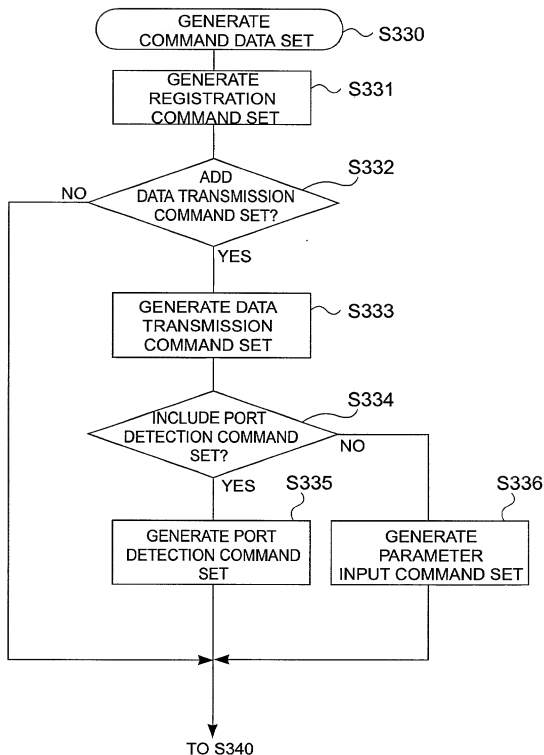


FIG. 21

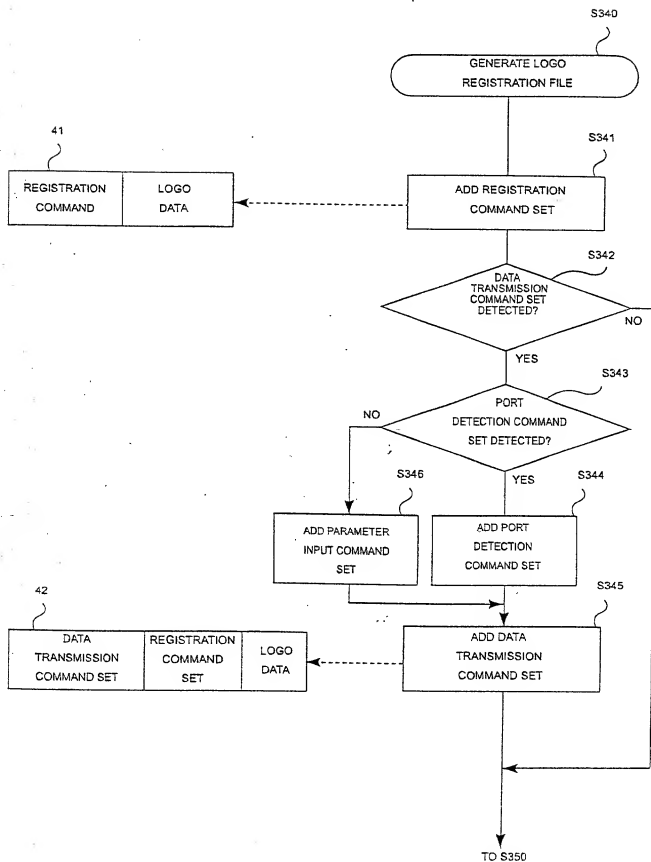


FIG. 22

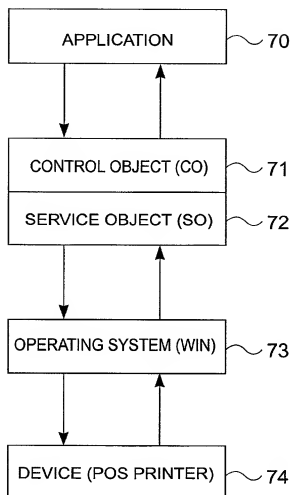


FIG. 23

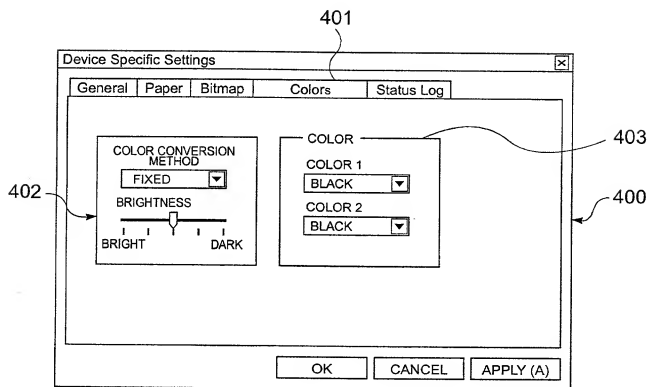


FIG. 24

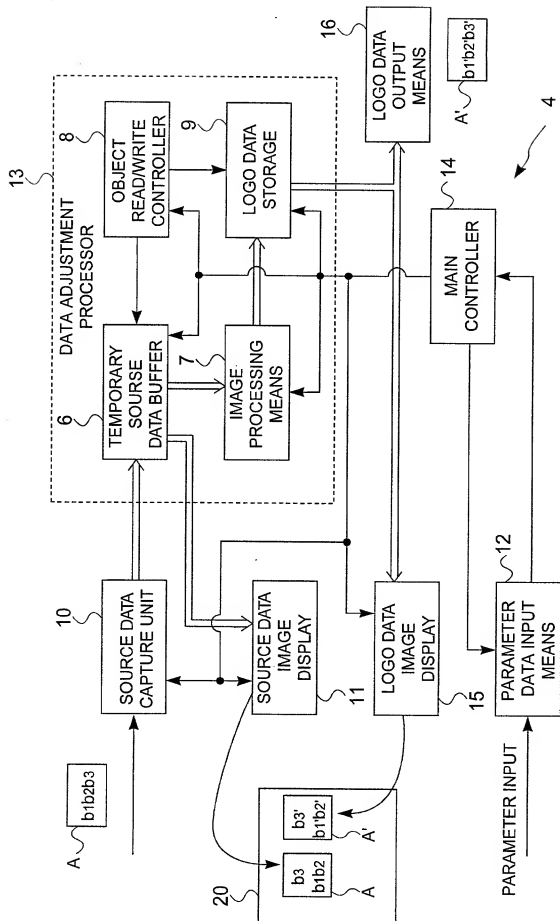
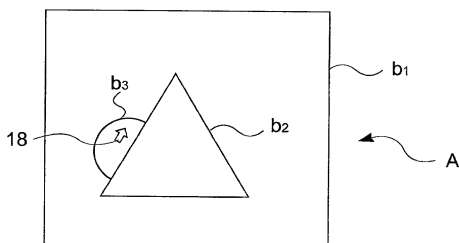
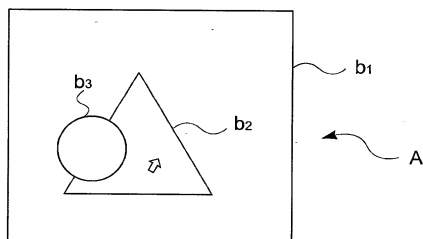


FIG. 25



(a)



(b)

FIG. 26

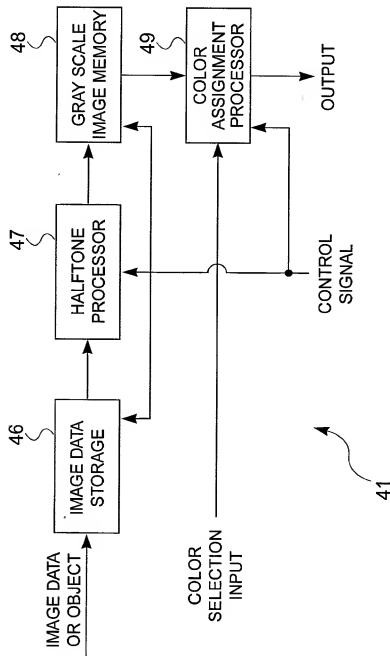
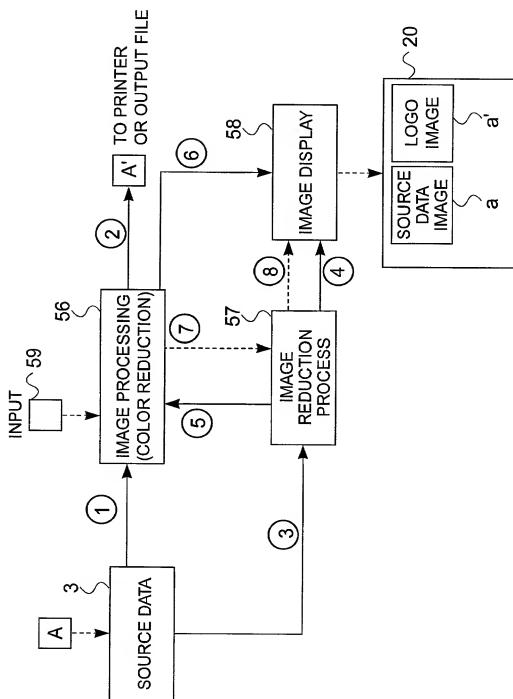


FIG. 27



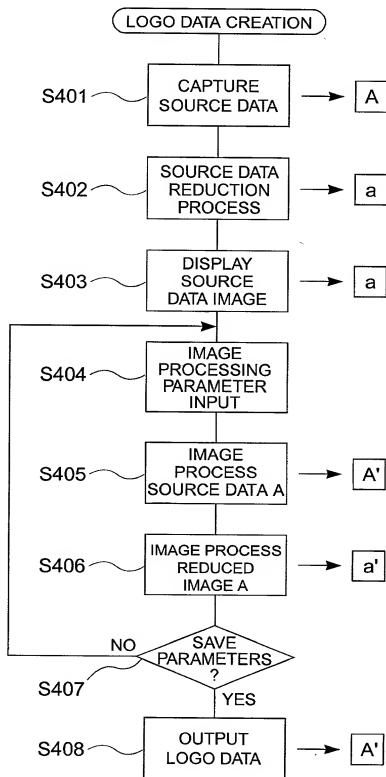


FIG. 29

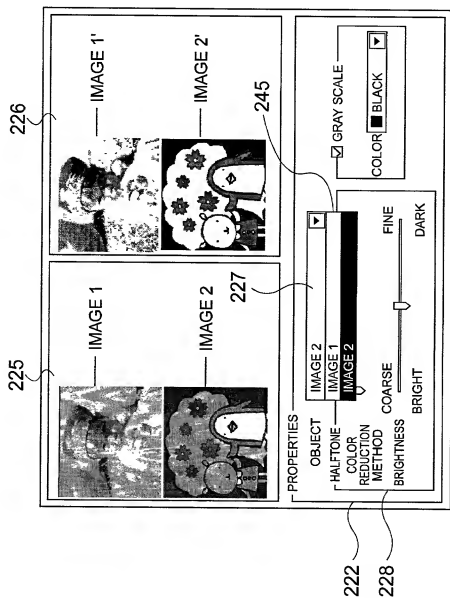


FIG. 30

200220* 9812001

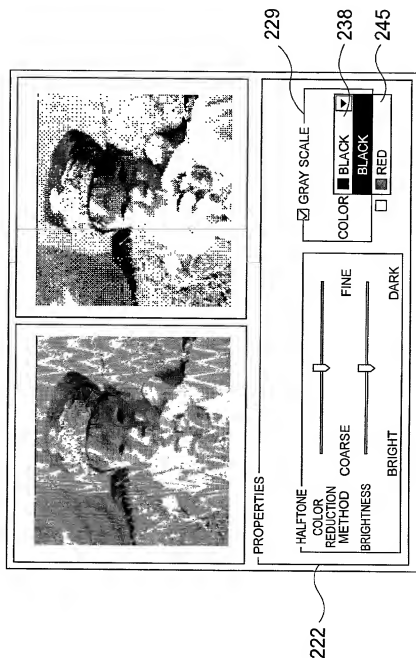


FIG. 31

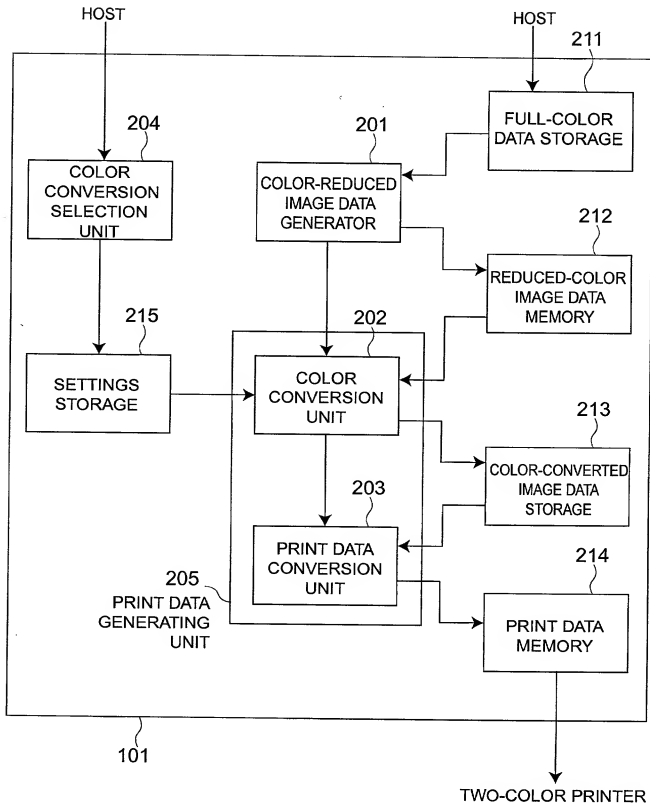
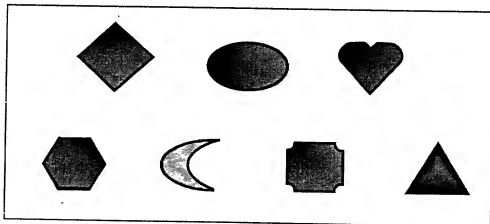


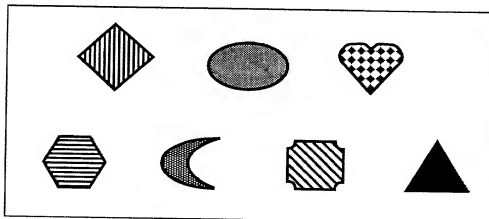
FIG. 33








FULL-COLOR IMAGE



COLOR REDUCTION
PROCESS

REDUCED-COLOR IMAGE

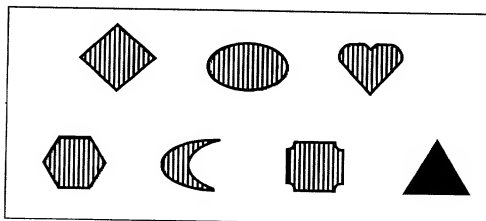


-  RED
-  GREEN
-  BLUE
-  CYAN
-  MAGENTA
-  YELLOW
-  BLACK
-  WHITE



COLOR CONVERSION
PROCESS

COLOR-CONVERTED IMAGE






-  RED:
SECONDARY
COLOR
-  BLACK:
MAIN COLOR
-  WHITE:
BACKGROUND
COLOR

FIG. 34

10033486-052000

COLOR	R (= RED)	G (= GREEN)	B (= BLUE)	MAIN COLOR	
				SECONDARY COLOR	
K (= BLACK)	0	0	0		K (= BLACK) B (= BLUE)
B (= BLUE)	0	0	1		R (= RED) R (= RED)
G (= GREEN)	0	1	0		K (= BLACK) B (= BLUE)
C (= CYAN)	0	1	1		R (= RED) R (= RED)
R (= RED)	1	0	0		R (= RED) R (= RED)
M (= MAGENTA)	1	0	1		R (= RED) R (= RED)
Y (= YELLOW)	1	1	0		R (= RED) R (= RED)
W (= WHITE)	1	1	1		W (= WHITE) W (= WHITE)

FIG. 35

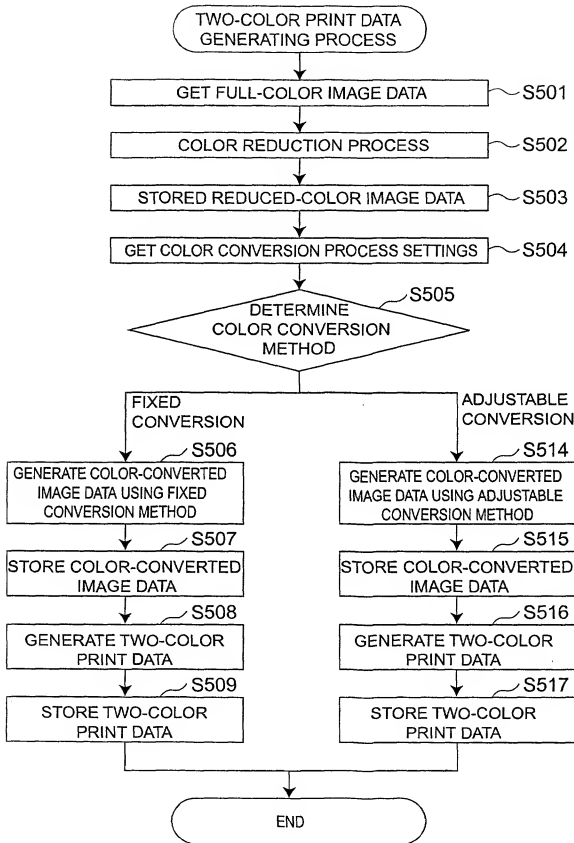


FIG. 36

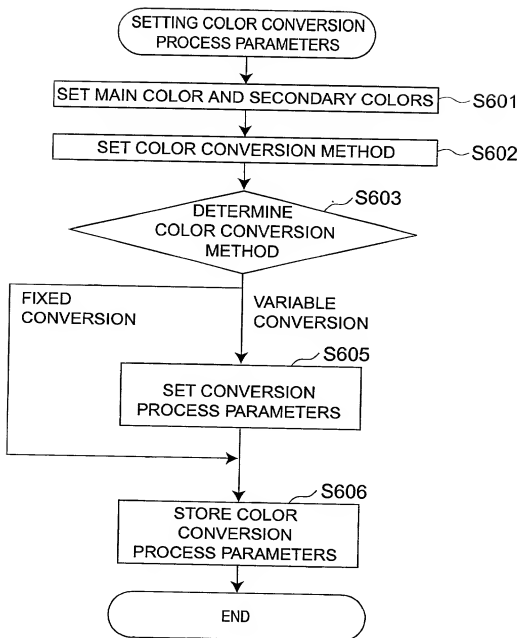


FIG. 37